



Atty. Dkt. No. 066683-0190

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Tomoki TODO et al.

Title: USE OF SOLUBLE COSTIMULATORY FACTOR FOR  
TUMOR IMMUNO-GENE THERAPY

Appl. No.: 09/679,147

Filing Date: 10/5/2000

Examiner: Anne Marie Sabrina Wehbe

Art Unit: 1632

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.56**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

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**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application.

**RELEVANCE OF EACH DOCUMENT**

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

**FEE**

A fee in connection with submission of an information disclosure statement under 37 CFR §1.97(c) in the amount of \$180.00 in accordance with 37 CFR §1.17(p) is attached.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

By 

Date May 13, 2004

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p style="text-align: center;"><b>O I P E</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <b>MAY 13 2004</b>  <b>Date Submitted: May 12, 2004</b>  <i>(use as many sheets as necessary)</i>  <b>PATENT INFORMATION</b>  <b>SEARCHED/MAILED</b>  <b>1 of 1</b> </p>				<b>Complete if Known</b>	
		<b>Application Number</b>		09/679,147	
		<b>Filing Date</b>		10/5/2000	
		<b>First Named Inventor</b>		Tomoki TODO	
		<b>Group Art Unit</b>		1632	
		<b>Examiner Name</b>		Anne Marie Sabrina Wehbe	
		<b>Attorney Docket Number</b>		066683-0190	

#### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

#### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

#### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.						T <sup>6</sup>	
		A1	FIELDS et al., B7.1 Is a Quantitatively Stronger Costimulus Than B7.2 in the Activation of Naïve CD8 <sup>+</sup> TCR-Transgenic T Cells, The American Association Immunologists, 1998, pp. 161: 5269-5275						
		A2	KWON et al., Elimination of Residual Metastatic Prostate Cancer After Surgery and Adjunctive Cytotoxic T Lymphocyte-associated Antigen 4 (CTLA-4) Blockade Immunotherapy, PNAS, December 21, 1999, pp. 15074-15079, Vol. 96, No. 26						
		A3	HENRY et al., Structure and Evolution of the Extended B7 Family, Review Immunology Today, June 1999, pp. 285-288, Vol. 20, No. 6						

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.